

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Michael J. Lyden	Examiner:	Kennedy Schaetzle
Serial No.:	10/060,041	Group Art Unit:	3762
Filed:	January 28, 2002	Docket:	279.057US4
Title:	IMPLANTABLE CARDIAC STIMULATING DEVICE WITH OPTIMIZED DEMAND		

INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants authorized Deposit Account 19-0743 to be charged in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0743.

Pursuant to 37 C.F.R. §1.98(d), some copies of the listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicant's prior U.S. application, Serial No. 09/693396, filed on October 20, 2000, which is relied upon for an earlier filing date under 35 U.S.C. §120.

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Filing Date: January 28, 2002

Title: IMPLANTABLE CARDIAC STIMULATING DEVICE WITH OPTIMIZED DEMAND

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Dkt: 279.057US4

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

MICHAEL J. LYDEN

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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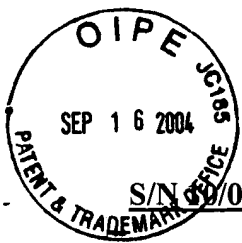
Date 9-14-04

By Mar L Beekman
Marvin L. Beekman
Reg. No. 38,377

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14 day of September, 2004.

Paula Suchy
Name

Paula Suchy
Signature



S/N 49/060,041

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael J. Lyden

Examiner: Kennedy Schaetzle

Serial No.: 10/060,041

Group Art Unit: 3762

Filed: January 28, 2002

Docket: 279.057US4

Title: IMPLANTABLE CARDIAC STIMULATING DEVICE WITH OPTIMIZED DEMAND

COMMUNICATION CONCERNING RELATED APPLICATIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
08/550,835 5,869,970	October 31, 1995	279.013US1	POWER MANAGEMENT SYSTEM FOR AN IMPLANTABLE DEVICE
09/190,971 5,959,371	November 12, 1998	279.013US2	POWER MANAGEMENT SYSTEM FOR AN IMPLANTABLE DEVICE
09/365,789	August 3, 1999	279.013US3	POWER MANAGEMENT SYSTEM FOR AN IMPLANTABLE DEVICE
09/665,235 6,426,628	September 18, 2000	279.013US4	POWER MANAGEMENT SYSTEM FOR AN IMPLANTABLE DEVICE
09/302,853 6,353,760.	April 30, 1999	279.057US1	IMPLANTABLE CARDIAC STIMULATING DEVICE WITH OPTIMIZED DEMAND
09/693,459 6,317,634	October 20, 2000	279.057US2	IMPLANTABLE CARDIAC STIMULATING DEVICE WITH OPTIMIZED DEMAND
09/693,396 6,363,283	October 20, 2000	279.057US3	IMPLANTABLE CARDIAC STIMULATING DEVICE WITH OPTIMIZED DEMAND

COMMUNICATION CONCERNING RELATED APPLICATIONS

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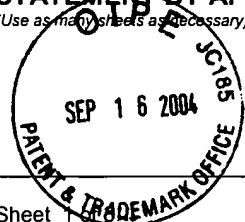
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1

Complete if Known

Application Number	10/060,041
Filing Date	January 28, 2002
First Named Inventor	Lyden, Michael
Group Art Unit	3762
Examiner Name	Schaetzle, Kennedy

Attorney Docket No: 279.057US4

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-3,518,997	07/07/1970	Sessions, R. W.	128	422	09/08/1964
	US-4,205,369	05/27/1980	Asano, K.	363	62	02/09/1978
	US-4,270,549	06/02/1981	Heilman, M. S.	128	784	04/30/1979
	US-4,291,707	09/29/1981	Heilman, M. S., et al.	128	784	04/30/1979
	US-4,316,472	02/23/1982	Mirowski, M., et al.	128	419 D	08/09/1979
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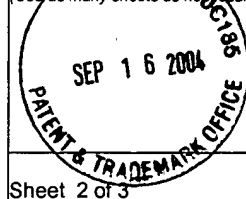
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Sheet 2 of 3

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Application Number	10/060,041
Filing Date	January 28, 2002
First Named Inventor	Lyden, Michael
Group Art Unit	3762
Examiner Name	Schaetzle, Kennedy

Attorney Docket No: 279.057US4

	US-6,018,227	01/25/2000	Kumar, Y., et al.	320	106	06/22/1998
	US-6,317,634	11/13/2001	Lyden, Michael J.	607	29	10/20/2000
	US-6,353,760	03/05/2002	Lyden, Michael J.	607	11	04/30/1999
	US-6,426,628	07/30/2002	Palm, William A., et al.	324	427	09/18/2000

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	EP-0445800	09/11/1991	Muller, G., et al.	A61N	1/39	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DICKSON, J. F., "On-chip high - voltage generation in MNOS lcs using an improved voltage multiplier technique", <u>IEEE Journal of Solid-State Circuits, SC-11 (3), (June 1976),pp. 374-378</u>	
		GREGORIAN, R., et al., <u>Analog MOS Integrated Circuits for Signal Processing, John Wiley & Sons,(1986),pp. 463-464</u>	
		HARADA, I., et al., "Characteristics analysis of Fibonacci-type SC transformer", <u>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, E75-A (6), (June 1992),pp. 655-662</u>	
		KRUMMENACHER, F., et al., "Higher sampling rates in SC circuits by on-chip clock voltage multiplication", <u>Proceedings of the European Solid State Circuits Conference, (Sept. 1983),pp. 123-126</u>	
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		TAKEUCHI, E. S., et al., "Energy Storage and Delivery", <u>Implantable Cardioverter Defibrillators: A Comprehensive Textbook, edited by N.A. Mark Estes III et al., (1994),123-132</u>	
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		TIETZE, U., et al., <u>Electronic Circuits : Design and Applications, Chapter 18, Springer-Verlag, Berlin,(1991),pp. 477-524</u>	
		UENO, F., et al., "Analysis and application of SC transforms by formulation",	

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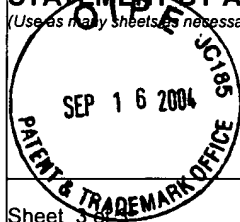
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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		Electronics and Communications in Japan, Part 2, 73 (9), (1990), pp. 91-103	
		WAYNE, D. , et al., "A single-chip hearing aid with 1V SC filters", <u>Proceedings of the IEEE Custom Integrated Circuits Conference</u> , (May 1992), pp. 7.5.1-7.5.4	
		WITTERS, J. S., et al., "Analysis and modeling of on-chip high voltage generators circuits for use in EEPROM circuits", <u>IEEE Journal of Solid-State Circuits</u> , 24 (5), (Oct. 1989), pp. 1372-1380	

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